

You have been assigned a Leak Seal Review. This checklist is a guide to help ensure that all information necessary to evaluate the change is considered

Leak Seak Number: 24334

ABU: RLOP

Leak Seak Number: HNC 14 &

Person Responsible: Siebert, Matthew J.

Signature: Siebert, Matthew J.

Completed On: 12/15/2011

OPERATIONS SECTION: The Head Operator shall originate a Passport Work Request (coding the WR as a leak seal job), a Leak Seal Review describing in detail the location, type of leak/repair, and material leaking AFTER the Head Operator has confirmed that the piece of equipment to be repaired cannot be taken out of service.

Project/Equipment Title: Leak Seal HNC Reactor Feed Check Valve

HO:

HO Phone:

Cannot Be Isolated:

Line or Equipment #: 14P6-6"-W5

Location:

Line Size: 6"

OpsTemp: 200-400

Ops Pressure: >800

Priority: High

Process Service: Hydrocarbon

Safety Precaution

☒ Safety Operator Required

☐ Hazardous

☐ Corrosive

☐ Flammable

☒ Critical Job

☐ Above Auto-ignition temp

☐ Acid Suits

☐ Breathing Air

☐ Above 500F

☐ 600# or above Flange

Other Hazards:

☐ Valve Packing

☐ Valve Bonnet Flange

☐ Valve End Flange

☐ Pipe Flange

☐ Pipe Fitting

☐ Pipe (Hole)

☐ Exchanger Tube Sheet

☐ Exchanger Channel Section

☐ Exchanger Cover

☐ Other

☐ Staging Required

☐ Reinjection

Passport W/O Number: 346659

P&ID Number: 325032

Repair Type:

Review/Comments:

MAINTENANCE SECTION: Maintenance Supervisor shall inspect the component/assembly to be repaired to confirm that it cannot be sealed without leak sealing materials and procedures.

Routine Maint Supr: Kavanagh, Steven A.

Phone:

Notified On: 12/14/2011

Maint Supr: Kavanagh, Steven

Review/Comments: Leak source is internal seal ring; cannot be mitigated without leak seal.

INSPECTION SECTION:

Inspector Name: Curtis, Scott P.

Phone: 2.2488

Notified On: 12/14/2011

Inspector : Curtis, Scott P.

Thickness: N/A

☐ Additional Staging Required

☐ UT Required

☐ X-Ray

☐ Code (ASME/ANSI) Repair

Review/Comments: No issues. No NDE available.

ENGINEERING SECTION: Fixed Equipment Inspector shall provide review of leak seal jobs originating during plant operation.

DPSE: Hill, William P.

Phone: 2.3200

Notified On: #####

DPSE: Hill, William P.

Piping Class: DP1

Metallurgy: CS

☐ Pressure Seal Valve

EWO ID:

Design Pressure: 3015

Design Temperature: 500F

Applicable Code: B31.3

Clamp Reviewed/Approved: Yes

Approved On: #####

Design Review: Hy-Grade Lug Wafer Check Valve is leaking out out of the o-ring where the flapper/seat insert is installed into the

Lead Engineer: Hulse, Benjamin

Notified On: 12/14/2011

Signature: Hulse, Benjamin

Completed By: 12/14/2011

APPROVALS SECTION:	Person Responsible	Notified On	Completed By	Completed On
	HSE: Siebert, Matthew J.	12/14/2011	Siebert, Matthew J.	12/14/2011
	ABU Manager: Pak, Johnny S.	12/15/2011	Pak, Johnny S.	12/15/2011
	Operations Manager: Chinn, Bruce E.	12/15/2011	Chinn, Bruce E.	12/15/2011
	Maintenance Manager: Peterson, Jay M.	12/15/2011	Walker, Kenneth B.	12/15/2011
	Design Manager: Kinkela, Donald F.	12/15/2011	Kinkela, Donald F.	12/15/2011